

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEB 2004				
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA-1 Ships Support Equipment							P-1 ITEM NOMENCLATURE DSSP EQUIPMENT BLI: 095500 SBHD: 81HJ				
Program Element for Code B Items:							Other Related Program Elements				
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY											
COST (In Millions)		A	\$22.6	\$27.3	\$21.1	\$7.4	\$3.8	\$3.7	\$3.5		\$89.5
SPARES COST (In Millions)											
<p>The Deep Submergence Systems Program (DSSP) is responsible for the procurement, life cycle support, and improvement and modernization of assigned platforms and programs. The DSSP program provides for the procurement of equipment to support the establishment and maintenance of fleet capability for a number of programs which perform submarine research and rescue, inspection, object location and retrieval from the ocean environment, and research and scientific exploration missions. DSSP procurements replace obsolete, non-supportable equipment and subsystems through phased improvement and modernization projects. These projects may include special ship alterations, field change kits, and design corrections. DSSP systems include:</p> <p><u>RESCUE SUPPORT EQUIPMENT (HJ030)</u></p> <p>UNMANNED VEHICLE SYSTEMS The Tethered Unmanned Work Vehicle System (TUWVS) and Klein 2000 Side Looking Sonar provides operational forces with an effective means of conducting ocean bottom searches, support submarine rescue, inspections, object recovery, and work operations to a depth of 5,000 feet. This asset is also the rescue asset for the Deep Submergence Rescue Vehicle.</p> <p>ATMOSPHERIC DIVING SYSTEM/SUBMARINE RESCUE DIVING and RECOMPRESSION SYSTEM The Atmospheric Diving System (ADS) is a component of the Submarine Rescue Diving and Recompression System (SRDRS). This modified COTS one-man, one atmosphere diving system will also provide world-wide capability in support of the Submarine Rescue Chamber (SRC) mission. ADS will be used to clear disabled submarines seating surfaces, attach the SRC downhaul cable and attach salvage fittings. SRDRS is under development with NAVSEA PMS 350 and will start certification in FY05. It will become a Deep Submergence Systems Rescue asset upon delivery.</p> <p>SURVIVABILITY This effort will provide a more efficient CO2 removal capability giving the fleet an increase in survival time from 3 days to 7 days for a disabled submarine and add state of the art atmospheric monitoring equipment aboard each submarine. This effort will expend \$9M over the next three fiscal years to outfit the Submarine Fleet as directed by the Submarine Escape and Rescue Review Group (SERRG).</p>											

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET		DATE:
P-40 CONTINUATION		FEB 2004
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE	
OTHER PROCUREMENT, NAVY/BA-1 Ships Support Equipment	DSSP EQUIPMENT BLI: 095500 SBHD: 81HJ	
<p><u>SUBMARINE NR-1 (HJ020)</u> The NR-1 is a unique, one-of-a-kind nuclear-powered research and ocean engineering submarine designed for extended search, object recovery, device implantment and submerged repair, and oceanographic research missions. Its research capabilities include ocean topography and geology, and it is capable of on-site data collection on the thermal, optical, biological, and acoustic environments of the deep ocean. The NR-1 is equipped with several special systems which provide the capability to perform a number of military and scientific missions, and it has been successful in recovering items of high military value from the ocean floor. (For example, the NR-1 was an important element of the space shuttle "Challenger" recovery operations.) The service life of NR-1 has been extended to 2012 which will require future replacement of obsolete equipment. In 2012 a replacement vehicle or a refueling will be required.</p> <p><u>SUBMARINE ESCAPE & IMMERSION EQUIPMENT (SEIE) (HJ100)</u> The SEIE is used by a submariner to escape from a disabled submarine and survive on the surface until rescued. The system, which has been adapted from a British design, includes the escape suit, inner thermal suit and a single person life raft, all packaged as a unit onboard the submarine. This is a safety/survival appliance that is vastly superior to the current Stienke Hood escape appliance onboard USN submarines, which has reached obsolescence and has become a maintenance burden to the fleet. The SEIE increases the escape depth to 600 FSW and provides thermal protection to the user from hypothermia. The increase in funding over previous years accelerates introduction of SEIE to the Submarine Fleet. The funding also incorporates mandatory escape assistance devices for all escape trunk hatches to ensure safe escape by personnel from the disabled submarine.</p> <p><u>EQUIPMENT INSTALLATION (HJINS/HJ927)</u> These funds are for the installation of DSSP equipment, as well as the SEIE equipment. The increase in funding over previous years accelerates introduction of SEIE to the Submarine Fleet.</p> <p>SOURCES: The sources for these acquisitions are limited. There are few private companies actively engaged in deep ocean engineering and even fewer with the specialized experience, knowledge, and facilities to meet the exacting requirements of the DSSP programs. Accordingly, sole source contracts are typically required with LESC, CSDL, and LMTDS to continue their support of the various DSSP programs. Where possible, contracting via open competition is utilized.</p> <p>REFERENCES: Acquisition Plans 584-87 Revision 7 approved August 2000. Acquisition plan for Submarine Escape and Rescue is reviewed twice annually by Submarine Escape and Rescue Review Group (SERRG).</p>		

P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System										DATE: FEB 2004	
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-1 Ships Support Equipment						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD DSSP EQUIPMENT BLI: 095500 SBHD: 81HJ										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 2002			FY 2003			FY 2004			FY 2005				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
HJ020	NR-1	A	1,733				2		314	1		94	6		814		
HJ030	RESCUE SUPPORT EQUIPMENTS	A	736				13		1,613	27		3,100	92		9,740		
HJ100	SUBMARINE ESCAPE AND IMMERSION EQUIPMENT	A	9,962				67		10,883	33		13,305	12		2,380		
	MATERIAL TOTAL		12,431						12,810			16,499			12,934		
	EQUIPMENT INSTALLATION	A	5,592						9,750			10,790			8,197		
HJ927	(FMP)		4,983						9,214			10,232			7,804		
HJINS	(NON-FMP)		609						536			558			393		
			18,023						22,560			27,289			21,131		

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE FEB 2004			
B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-1 Ships Support Equipment					C. P-1 ITEM NOMENCLATURE HJ020 NR-1				81HJ	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
FY2003			NAVSEA							
Comm Upgrade	1	\$150			SS/OPTION	LMTDS-Great Neck, NY	11/02	6/03	YES	
GPS Buoy	1	\$164			SS/OPTION	EB Corp-Groton CT	11/02	6/03	YES	
FY2004			NAVSEA							
MK23 Gyro Replacement	1	\$94			SS/OPTION	LMTDS-Great Neck, NY	11/03	6/04	YES	
FY2005			NAVSEA							
AFT Altitude Sonar	2	\$150			SS/OPTION	LMTDS-Great Neck, NY	11/04	6/05	YES	
Digital Video	2	\$88			SS/OPTION	LMTDS-Great Neck, NY	11/04	6/05	YES	
UYK 44 Upgrade Phase II	1	\$254			SS/OPTION	LMTDS-Great Neck, NY	11/04	6/05	YES	
Unidentified HM&E	1	\$84			SS/OPTION	EB Corp-Groton CT	11/04	6/05	YES	
D. REMARKS										

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					
Other Procurement, Navy					HJ030 RESCUE SUPPORT EQUIPMENT				81HJ	
BA-1 Ships Support Equipment										
Cost Element/ FISCAL YEAR	QUANTITY (SHIP SETS)	SHIPSET COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
FY2003			NAVSEA							
VEHICLE UPGRADES	1	\$158			COMP/OPTION	O'Tech - Upper Malboro	11/02	7/03	YES	
ADS Penetrators	1	\$205			WX	Portsmouth NSY	11/02	6/03	YES	
LIOH Canisters	11	\$1,250			WX	Portsmouth NSY	11/02	6/03	YES	
FY2004			NAVSEA							
VEHICLE UPGRADES	3	\$105			COMP/OPTION	O'Tech - Upper Malboro	11/03	7/04	NO	
LIOH Canisters	23	\$2,495			WX	Portsmouth NSY	11/03	6/04	NO	
ADS LARS 1	1	\$500			WX	Portsmouth NSY	11/03	6/04	NO	
FY2005			NAVSEA							
SRDRS	1	\$4,878			WX	Portsmouth NSY	11/04	6/05	NO	
ANALOX	72	\$2,000			WX	Portsmouth NSY	11/04	6/05	NO	
ADS SUIT 1 Upgrade/Cert	1	\$600			WX	Portsmouth NSY	11/04	6/05	NO	
LIOH Canisters	17	\$2,000			WX	Portsmouth NSY	11/04	6/05	NO	
LARS Deck skid	1	\$262			WX	Portsmouth NSY	11/04	6/05	NO	
D. REMARKS										

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE FEB 2004			
B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-1 Ships Support Equipment					C. P-1 ITEM NOMENCLATURE HJ100 SEIE SUITS				81HJ	
Cost Element/ FISCAL YEAR	QUANTITY (SHIPSETS)	SHIPSET COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE
<u>FY2003</u>			NAVSEA		SS/OPTION	Naval Regional Contracting Center, London, UK	10/02	2/03	YES	
LA Class SEIE Suit Sets	19	\$6,846				"				
LA Class Valve Sets	19	\$1,220				"				
SSN 21 SEIE Suit Sets	2	\$652				"				
SSN 21 Valve Sets	2	\$153				"				
LA Class 4189 Valve Sets	29	\$1,571				"				
SSN21 FITT	1	\$415			SS/OPTION WX	EB Corporation, Groton NUWC, Newport RI	10/02 11/02	2/03 6/03	YES YES	
SEPIRB (21/726)	16	\$26								
<u>FY2004</u>			NAVSEA		SS/OPTION	Naval Regional Contracting Center, London, UK	10/03	2/04	YES	
LA Class SEIE Suit Sets	7	\$2,604				"				
LA Class Valve Sets	7	\$532				"				
SSBN726 SEIE Suit Sets	12	\$6,288				"				
SSBN726 Valve Sets	12	\$1,328				"				
SSBN726 FITT	1	\$450				"				
Spares	1	\$295				"				
Hamilton Shipping/QA		\$25				"				
Training/A&I Development		\$363				"				
SEIE Kits		\$220				"				
IPHO Shipsets	12	\$1,200			WX	Portsmouth NSY	11/03	6/04	NO	
<u>FY2005</u>			NAVSEA		SS/OPTION	Naval Regional Contracting Center, London, UK	10/04	2/05	YES	
SSBN726 SEIE Suit Sets	2	\$1,048				"				
SSBN726 Valve Sets	2	\$228				"				
Hamilton Shipping/QA		\$25				"				
IPHO Shipsets	10	\$1,079			WX	Portsmouth NSY	11/04	6/05	NO	
D. REMARKS:										

CLASSIFICATION: UNCLASSIFIED

P3A

INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: NR-1 SUBMARINE

TYPE MODIFICATION: _____

MODIFICATION TITLE: DSSP

Feb-02

DESCRIPTION/JUSTIFICATION: NR-1 HJ020

The NR-1 is a unique, one-of-a-kind nuclear-powered research and ocean engineering submarine designed for extended search, object recovery, device implantment and submerged repair, and oceanographic research missions. Its research capabilities include ocean topography and geology, and it is capable of on-site data collection on the thermal, optical, biological, and acoustic environments of the deep ocean. The NR-1 is equipped with several special systems which provide the capability to perform a number of military and scientific missions, and it has been successful in recovering items of high military value from the ocean floor. (For example, the NR-1 was an important element of the space shuttle "Challenger" recovery operations.) The service life of NR-1 has been extended to 2012 which will require future replacement of obsolete equipment. In 2012 a replacement vehicle or a refueling will be required.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: _____

	FY 2002 & Prior		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		TC		TOTAL	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
<u>FINANCIAL PLAN (IN MILLIONS)</u>																				
<u>RDT&E</u>																				
<u>PROCUREMENT</u>																				
INSTALLATION KITS	12	1.7	2	0.3	1	0.1	6	0.8	13	0.8	VAR	0.8	VAR	0.9	VAR	0.9			34	6.37
INSTALLATION KITS - UNIT COST																				0.0
INSTALLATION KITS NONRECURRING																				0.0
EQUIPMENT																				0.0
EQUIPMENT NONRECURRING																				0.0
ENGINEERING CHANGE ORDERS																				0.0
DATA																				0.0
TRAINING EQUIPMENT																				0.0
SUPPORT EQUIPMENT																				0.0
OTHER																				0.0
OTHER																				0.0
OTHER																				0.0
INTERIM CONTRACTOR SUPPORT																				0.0
INSTALL COST - NON-FMP	12	0.6	2	0.5	1	0.4	6	0.4	13	0.3		0.3		0.3		0.3			34	3.1
TOTAL PROCUREMENT		2.3		0.8		0.5		1.2		1.1		1.2		1.2		1.2				9.5

CLASSIFICATION: **UNCLASSIFIED**

P3A (Continued)

INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: NR-1 SUBMARINE DEEP SUBMERGENCE SYSTEMS PROGRAM (DSSP)
 Feb-02
 INSTALLATION INFORMATION:
 METHOD OF IMPLEMENTATION: Various
 ADMINISTRATIVE LEADTIME: Various Months
 CONTRACT DATES: Various Various FY 2002: Various
 DELIVERY DATE: Various Various FY 2002: Various

(\$ in Millions)

Cost:	FY 2002 & Prior		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		To Complete		Total	
	Qty	\$	Qty		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
PRIOR YEARS																				
FY 2000 EQUIPMENT	7	0.8																	7	0.8
FY 2001 EQUIPMENT	1	0.4																	1	0.4
FY 2002 EQUIPMENT	4	0.1																	4	0.1
FY 2003 EQUIPMENT			2	0.5															2	0.5
FY 2004 EQUIPMENT					1	0.4													1	0.4
FY 2005 EQUIPMENT							6	0.4											6	0.4
FY 2006 EQUIPMENT									13	0.3									13	0.3
FY 2007 EQUIPMENT											0.3								0	0.3
FY 2008 EQUIPMENT													0.3						0	0.3
FY 2009 EQUIPMENT															0.3				0	0.3
TO COMPLETE																				

*** NON-FMP DOLLARS**

INSTALLATION SCHEDULE:

	FY 2002 & Prior	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
In	12	0	2	0	0	0	1	0	0	0	6	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Out	12	0	0	0	2	0	0	0	1	0	0	0	6	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	34

CLASSIFICATION: UNCLASSIFIED

P3A

INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: RESCUE SUPT EQUIP

TYPE MODIFICATION:

Feb-02

MODIFICATION TITLE: DSSP

DESCRIPTION/JUSTIFICATION: RSE - HJ030

The Tethered Unmanned Work Vehicle System (TUWVS) and Klein 2000 Side Looking Sonar provides operational forces with an effective means of conducting ocean bottom searches, support submarine rescue, inspections, object recovery, and work operations to a depth of 5,000 feet. This asset is also the rescue asset for the Deep Submergence Rescue Vehicle. The Atmospheric Diving System (ADS) is a component of the Submarine Rescue Diving and Recompression System (SRDRS). This modified COTS one-man, one atmosphere diving system will also provide world-wide capability in support of the Submarine Rescue Chamber (SRC) mission. ADS will be used to clear disabled submarines seating surfaces, attach the SRC downhaul cable and attach salvage fittings. SRDRS is under development with NAVSEA PMS 350 and will start certification in FY05. It will become a Deep Submergence Systems Rescue asset upon delivery. Survivability will provide a more efficient CO2 removal capability giving the fleet an increase in survival time from 3 days to 7 days for a disabled submarine and add state of the art atmospheric monitoring equipment aboard each submarine. This effort will expend \$9M over the next three fiscal years to outfit the Submarine Fleet as directed by the Submarine

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

	FY 2002 & Prior		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		TC		TOTAL	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
<u>FINANCIAL PLAN (IN MILLIONS)</u>																				
<u>RDT&E</u>																				
<u>PROCUREMENT</u>																				
INSTALLATION KITS	VAR	0.7	13	1.613	27	3.100	92	9.740	1	3.998	VAR	2.658	VAR	2.540	VAR	2.331			133.00	26.72
INSTALLATION KITS - UNIT COST																				0.00
INSTALLATION KITS NONRECURRING																				0.0
EQUIPMENT																				0.0
EQUIPMENT NONRECURRING																				0.0
ENGINEERING CHANGE ORDERS																				0.0
DATA																				0.0
TRAINING EQUIPMENT																				0.0
SUPPORT EQUIPMENT																				0.0
OTHER																				0.0
OTHER																				0.0
OTHER																				0.0
INTERIM CONTRACTOR SUPPORT																				0.0
INSTALL COST - NON-FMP	2	0.1	2	0.1	1	0.1													5.00	0.3
TOTAL PROCUREMENT		0.8		1.7		3.2		9.7		4.0		2.7		2.5		2.3				27.0

CLASSIFICATION: UNCLASSIFIED

P3A (Continued)

MODELS OF SYSTEMS AFFECTED: RSE MODIFICATION TITLE: DEEP SUBMERGENCE SYSTEMS PROGRAM (DSSP)

INSTALLATION INFORMATION:
METHOD OF IMPLEMENTATION: Various
ADMINISTRATIVE LEADTIME: Various PRODUCTION LEADTIME: Various Months
CONTRACT DATES: Various FY 2001: Various FY 2002: Various
DELIVERY DATE: Various FY 2001: Various FY 2002: Various

(\$ in Millions)																						
Cost:	FY 2002 & Prior		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009				To Complete		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
PRIOR YEARS																					0.0	0.0
FY 2000 EQUIPMENT																					0.0	0.0
FY 2001 EQUIPMENT																					0.0	0.0
FY 2002 EQUIPMENT	2	0.05																			2.0	0.1
FY 2003 EQUIPMENT			2	0.09																	2.0	0.1
FY 2004 EQUIPMENT					1	0.14															1.0	0.1
FY 2005 EQUIPMENT																					0.0	0.0
FY 2006 EQUIPMENT																					0.0	0.0
FY 2007 EQUIPMENT																					0.0	0.0
FY 2008 EQUIPMENT																					0.0	0.0
FY 2009 EQUIPMENT																						
TO COMPLETE																						

* NON-FMP DOLLARS

INSTALLATION SCHEDULE:

	FY 2002 & Prior	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Out	2	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5

CLASSIFICATION: **UNCLASSIFIED**

P3A

MODELS OF SYSTEM AFFECTED: SEIE TYPE MODIFICATION: Feb-02 MODIFICATION TITLE: DSSP

DESCRIPTION/JUSTIFICATION: SEIE - HJ100

The SEIE is used by a submariner to escape from a disabled submarine and survive on the surface until rescued. The system, which has been adapted from a British design, includes the escape suit, inner thermal suit and a single person life raft, all packaged as a unit onboard the submarine. This is a safety/survival appliance that is vastly superior to the current Stienke Hood escape appliance onboard USN submarines, which has reached obsolescence and has become a maintenance burden to the fleet. The SEIE increases the escape depth to 600 FSW and provides thermal protection to the user from hypothermia. The increase in funding over previous years accelerates introduction of SEIE to the Submarine Fleet. The funding also incorporates mandatory escape assistance devices for all escape trunk hatches to ensure safe escape by personnel from the disabled submarine.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

	<u>FY 2002 & Prior</u>		<u>FY 2003</u>		<u>FY 2004</u>		<u>FY 2005</u>		<u>FY 2006</u>		<u>FY 2007</u>		<u>FY 2008</u>		<u>FY 2009</u>		<u>-</u>		<u>TC</u>		<u>TOTAL</u>	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$
<u>FINANCIAL PLAN (IN MILLIONS)</u>																						
<u>RDT&E</u>																					0	0
<u>PROCUREMENT</u>																						
INSTALLATION KITS		10.0	67	10.9	33	13.3	12	2.4	3	1.0		0.0		0.0		0.0					115	37.52
INSTALLATION KITS - UNIT COST																						0.00
INSTALLATION KITS NONRECURRING																						0.0
EQUIPMENT																						0.0
EQUIPMENT NONRECURRING																						0.0
ENGINEERING CHANGE ORDERS																						0.0
DATA																						0.0
TRAINING EQUIPMENT																						0.0
SUPPORT EQUIPMENT																						0.0
OTHER																						0.0
OTHER																						0.0
OTHER																						0.0
INTERIM CONTRACTOR SUPPORT																						0.0
INSTALL COST - FMP		5.0	16	9.2	18	10.2	17	7.8	1	1.3		0.0		0.0		0.0					52	33.5
TOTAL PROCUREMENT		14.9		20.1		23.5		10.2		2.3		0.0		0.0		0.0						71.1

CLASSIFICATION: **UNCLASSIFIED**

P3A (Continued)

INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: SEIE MODIFICATION TITLE: DEEP SUBMERGENCE SYSTEMS PROGRAM (DSSP)

INSTALLATION INFORMATION:

METHOD OF IMPLEMENTATION: Various

ADMINISTRATIVE LEADTIME: Various

CONTRACT DATES: FY 2000: Various

DELIVERY DATE: FY 2000: Various

PRODUCTION LEADTIME: Various Months

FY 2001: Various

FY 2001: Various

FY 2002: Various

FY 2002: Various

(\$ in Millions)

Cost:	FY 2002 & Prior				FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		To Complete		Total	
	Qty	\$			Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
PRIOR YEARS																						
FY 2000 EQUIPMENT	11	4.0																			11	4.0
FY 2001 EQUIPMENT	8	3.1																			8	3.1
FY 2002 EQUIPMENT	7	3.0																			7	3.0
FY 2003 EQUIPMENT					16	9.2															16	9.2
FY 2004 EQUIPMENT							18	10.2													18	10.2
FY 2005 EQUIPMENT									17	7.8											17	7.8
FY 2006 EQUIPMENT											1	1.3									1	1.3
FY 2007 EQUIPMENT													0.0								0	0.0
FY 2008 EQUIPMENT														0.0							0	0.0
FY 2009 EQUIPMENT																0.0					0	0.0
TO COMPLETE																						

FMP DOLLARS

INSTALLATION SCHEDULE:

	FY 2002 & Prior	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009					TC	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	17	0	8	8	0	0	12	6	0	0	12	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69
Out	17	0	0	8	8	0	0	12	6	0	0	12	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69

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